

AMENDMENT(S) TO THE SPECIFICATION

Please replace Table 1 at page 10 with the following new Table 1:

Table 1. Alignment of phage-displayed peptide sequences selected by NPC-TW04 cells.

Phage clone	Phage-displayed peptide sequence ^a	
1-19	FPSKTGAFV PFS	(SEQ ID NO: 3)
1-35	NNSQKPAPVSPF	(SEQ ID NO: 4)
1-31	TKNMLSLPVGPG	(SEQ ID NO: 5)
1-8	RHLPTLFAPTPT	(SEQ ID NO: 6)
1-37	QLSPVLARHNIS	(SEQ ID NO: 7)
1-39	PRGVWTTMSLP H	(SEQ ID NO: 8)
1-18	LPLTSLMPLGL H	(SEQ ID NO: 9)
1-44	SVSLPYANLATH	(SEQ ID NO: 10)
1-29 (L-phage)	RLLDTNRPLLP Y	(SEQ ID NO: 1)

^a Phage-displayed consensus amino acids are shown in boldface.

Table 2. Binding of nine candidate phage clones to different cell types ^a

	1-8	1-11	1-18	1-19	1-29 (L-phage)	1-37	1-39	1-41	1-44	Control Phage
NPC-TW 01	+/-	+	++	++	+++	+++	++	++	++	+/-
NPC-TW 03	ND	ND	-	ND	++	ND	++	ND	+/-	-
NPC-TW 04	++/+	++/+	+/-	+++	++	++	++	ND	+++	+/-
NPC-CG-BM-1	-	ND	+/-	++	++/+	++	+++	ND	+	-
Oral Cal-27	-	ND	-	-	-	-	-	ND	-	-
Oral Ca9-22	+	+	+/-	-	+/-	+/-	++	ND	ND	-
CaSki	-	-	-	-	-	-	-	-	+	-
Hep 2B	ND	-	-	ND	-	+/-	++	++/+	++	-
NNM-11	-	-	+/-	-	+/-	-	-	ND	+	-
NNM-13	-	+/-	-	-	+/-	-	+/-	++/+	+	-
Fibroblast	ND	-	-	-	-	ND	ND	ND	-	-

^aND: No Detection; (+++), a value of reaction 40~60%; (++) , a value of reaction 30~40%; (++/+), a value of reaction 20~30%; (+), a value of reaction 10~20%; (+/-), a value of reaction 5~10%; (-), a value of reaction below 5%.

Please replace paragraph [0058] at pages 18-19, with the following new paragraph:

[0058] SCID mice, with age between 8 and 10 weeks and body weights ranging from 18 to 22 grams, were obtained from the Animal Center in National Taiwan University College of Medicine (Taipei, Taiwan). These mice were injected with 1×10^7 NPC-TW 01 cells. After 1 to 2 week, the mice bearing size-matched NPC-TW 01-derived tumor (0.5~1 cm in diameter) were injected with 10^9 pfu L-phage or control phage through the tail vein. Eight to ten mins following the injection, the mice were treated with diethyl ether to induce anesthesia. Then the mice were perfused with 50 ml PBS to wash out unbound phages. Organs and tumor were removed from treated mice, weighted respectively and washed with PBS-PI (proteinase inhibitor; Roche, Germany) (10 ml PBS/ one tablet). These organ and tumor samples were homogenized and incubated with 0.5 ml overnight culture of RE2738 bacterial for 40 mins at 37 °C to elute the specific reacted phage particles. The phage particles were diluted with LB medium to 10^2 to 10^6 pfu after washing, and placed on agar plates containing 1 mg/l of IPTG and X-gal. After 12 to 16 h, the colonies were counted. In peptide inhibition experiment, 10^9 pfu of L-phage and 100 µg of L-peptide were co- injected to animals, and phage R3-17 (unrelated phages from library, with a display peptide sequence of TLATTASPDSAQ (SEQ ID NO: 11)) was used in control group.